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USER'S MANUAL FOR ANDROID SYSTEM

Please read the instructions before installing and using our products.

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Please read this section first

- Thank you for purchasing our products，Please read the User's manual before installing and using our products. We would think you had already read the manual carefully once you start using our products.

- The User's manual focus on the introduction about android system and the related Applications. The information provided has been carefully check, make accurate. The content maybe not completely Correspond with our products,it depends on the software and service provided by the supplier. Our company is not responsible for any liability to pay compensation for any accident or damage derivatives caused by any technical errors,editing errors,printing errors or omissions in this manual.

- The android car DVD player is high-tech products; it includes android operation system and software provided by third parties. Manufacturer had already done their duty of care to ensure our device works normally during developing and manufacturing. Once the device break down, manufacturer only responsible for repairing according to our quality guarantee，will not responsible for any liability to pay compensation for any accident or damage derivatives.

- The electronic map inside the device is provided by third party, the third party has the copyright of the electronic map which protected by law, user's can't copy or use for other purpose, except using in this device.

- Manufacturer will not do any Express or default guarantee for the validity, completeness, veracity of the electronic map's content. Manufacturer will not responsible for any liability to pay compensation for any accident or damage derivatives caused by the exists Flaw in the electronic map.

- Pictures in the manual are for reference, it would be inconformity cause of different model, software version and user's installing, unloading, adjusting. But there is no difference in practical operation.

- Our company has the copyright for this manual, can't copy or use for other commercial activity, Our company reserves the final interpretation to this operating manual's content, we will not inform again once the manual has modification.

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1 Product feature

- Powerful ARM Cortex A9 Dual Core CPU.
- Android 2.2 operating system
- 3G real-time online, 7.2M Rapidly surf the Internet；Support Voice calling, sending message ect.
- 1080P HD Video decoder
- A key navigation for free, support self-service network navigation, many brand's electronic maps are optional.
- Google map+ Real-time traffic（Google Voice navigation supported in abroad）
- Hundreds of thousands Android Applications could be downloading at anytime.
- Support Voice calling out, Voice sending message, Voice selecting music, Voice chat, Voice Broadcast, Online listening, Online music, Online radio….
- Support large capacity TF card which can store electronic map, video, music, pictures and some other personal files
- High sensitive GPS module and antenna make it Satellite reception quickly and accurate positioning
- Support the functions of traditional car DVD gps navigation, including DVD, FM, ect.
- Support Rear View camera

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2 Configuration instructions

Hardware	CPU	ARM Cortex A9 Dual Core
	3G Connection	WCDMA HSDPA 7.2M / CDMA EVDO
	DVD	Yes
	Radio	FM/AM
	GPS	SiRF III
	Video Decoder	1080P HW
	3D Engine	PowerVR
Car connector	Size	2Din Standard
	Rear View Camera	Yes
	Car Audio	4×45W Surround Stereo
	Steering Wheel Control	Optional
Storage	RAM	512M Bytes
	NAND	4G Bytes
	External Interface	T-Flash up to 32GB
User Interface	Screen	800*480/6.2-8”
	Touch Panel	Yes
	Key Button	Varied by model
	Languages	Simplified Chinese, Traditional Chinese, German, English, Spanish, French, Italian, Japanese, Korean, Dutch, Polish, Russian, Czech, Norwegian, Bulgarian and more
software performance	OS	Android 2.2
	Video	MP4,H.264, WMV,AVI,RM/RMVB,VOB and more
	Audio	MP3,WMA,WAV and more
	Games	Thousands from Google Market
	Navigation	Google Navigation & all other turn-by-turn navigation
	Web	Flash
Online service and applications	Navigation from Network	Call center & Website
	Online Radio	Pandora, Tunein and others
	Online Music	Yes
	SNS	Facebook, Twitter
	Voice Chatting	Talkbox and others
	More from Google Market	

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3 Attention

Please use the device according to the safety precaution below, to avoid possible legal responsibility and the loss risk

- Please read and learn all the instructions before using the device; Keep this manual, in order to access at any time;
- Please comply with local traffic rules, pay attention to driving safety,try to reduce or avoid long time operation while driving. We suggest to stop your car in a safety zone for your safety before using the device.
- Please don't take apart, installing by yourself to ensure safety. Entrust professional technicist to install, repair this product, protect from the foreign matter and liquid to get inside the device.
- It's forbid to insert or pull out SIM card without power off.
- The 3G network referred in this Manuel is WCDMA network, please choose WCDMA 3G SIM card for this device.
- The thermovent on the device is used for cooling ventilation. Do not block when installing, maintain good ventilation environment, ensure the machine works stable.
- Please don't put in high temperature and damp environment, So as not to cause the machine work unstable, and the dangers may caused by short circuit.
- Please do not use the device where it is forbidden to use electronic equipment or where it is forbidden naked light, e.g. gas station, Strong electromagnetic interference region, or it would be dangerous.
- Please protect the screen, to prevent wear and tear or extrusion; Please shut off the power before cleaning the machine,and use soft cloth to clean the display panel, Do not use liquid soap, cleaner spray or volatile chemicals.
- The device may become much hot after long time running.it's nornal in most instances, it's not the equipment failure, don't worry about it.

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4 Product installation

- Manufacturer of this device recommend you don't install, maintenance and repair by yourself,please contact authorized retailer's service network or professional technicist from professional car production, maintenance to install.
- It's forbid to adopt dangerous installation site or installation way as below
  - The position where the driver or passengers would be injured while the vehicle suddenly scram;
  - The position where might obstruct the driver's operating on the vehicle. e.g. the position near the steering wheel, gear shift lever.
- Please check the room behind the device before installing, don't damage the fuel cable, brake cable, electrical apparatus element, communication line or power cable.

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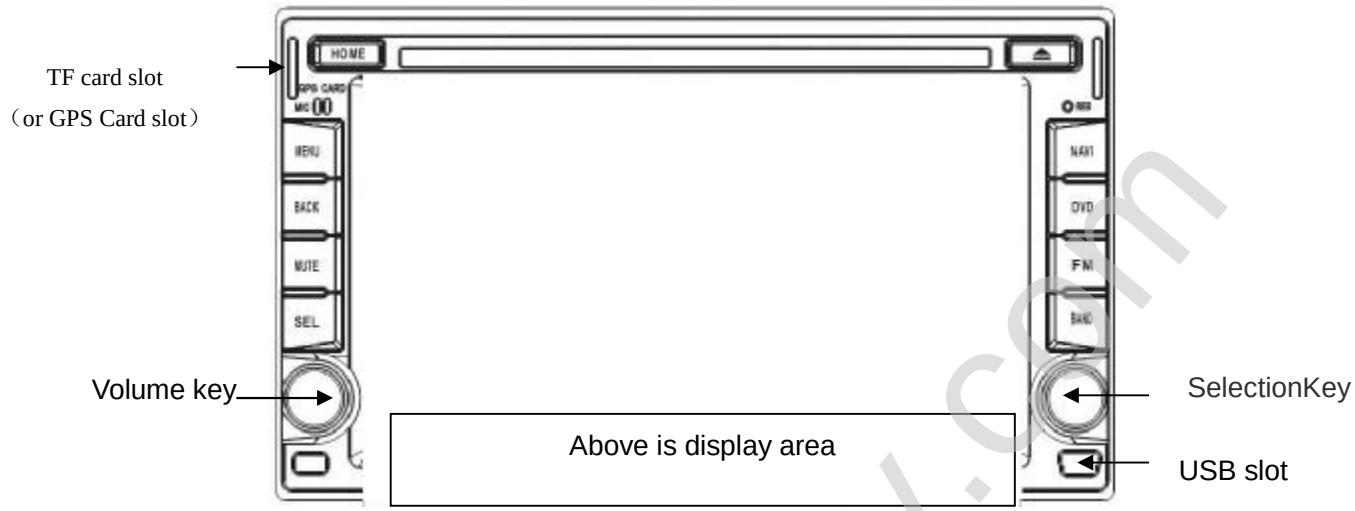
5 Panel appearance and button description (e.g. universal)



HOME：Press “Home” to get back to android main menu from any interface.

MIC：Talkback MIC

MENU：Menu，Press “Menu”, it will show up the function menu .

BACK：Back， Get back to previous operation steps or previous operation interface.

MUTE：Mute，Press this button, all sound closed,press again, Restore the voice.

SEL：sound track balance key, press “Sel” to choose the menu.

RES：System Reset，You can try to reset once the device dysfunction or the system don’t work.

NAVI：Navigation，Press “Navi” to enter Navigation interface.

DVD：DVD，Press “DVD” to enter DVD function interface.

FM：Radio，Press “FM” to enter Radio interface.

BAND：Band，Press “Band” to select the searching channel .

Boot methods: when the deivce power on,press volume key to starting up(make sure the supply voltage around 12 V,less than 16 V, working current higher than 2 A if we use stabilized voltage)

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6 Main interface specification

The device's display interface would be inconformity cause of different software version and applications installed by different users.

shortcut keys on the device	Android function	Shortcut operation (swipe gestures)	function description
HOME	null	null	Return to main menu from any interface.
MENU	MENU	Menu： glide from down to up in shortcuts area	Press this button to show up the function setting menu of the running program
BACK	Return	Return key ： glide from up to down in shortcuts area	Get back to previous operation steps or previous operation interface
MUT	null	null	Close all the audio out
Volume knob	Volume increase or decrease	null	Adjust the Volume
NAVI	Navi icon	null	Opening off line map in the device rapidly
FM	FM icon	null	Press "FM" to enter Radio interface in any status
DVD	DVD icon	null	Press "DVD" to enter DVD function interface from any status (with disc inside),if without disc, the device would remind no discs

Press and hold for 3 seconds in blank area of the screen to add widget, application program, shortcut ect.

Application program：Add the icon of application program in the screen, then you can quickly start the application program.

widget： Adjust the decoration of the screen as your ple asure, get the newest informationat rapidly after adding the widget.

6.1 Display area instructions

There are five parts according to the installing and using status in the menu.

Like: Prompt message, menu, shortcut menu, group show and central zone, as picture below:

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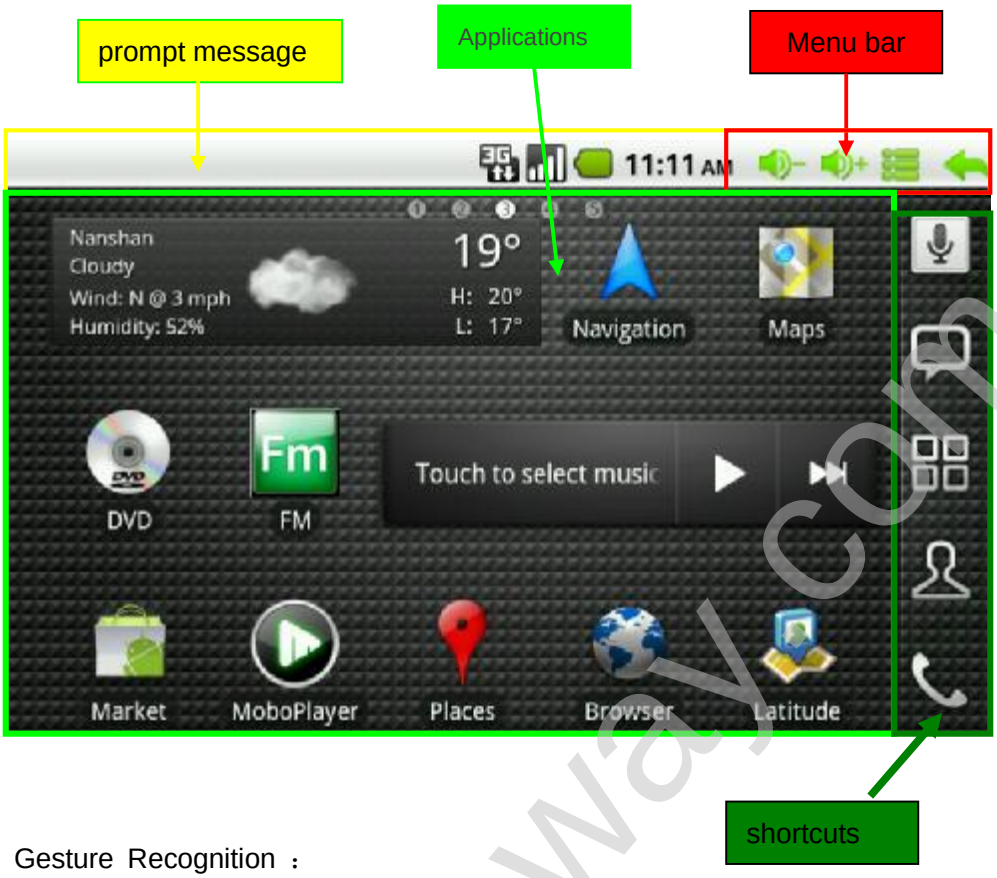


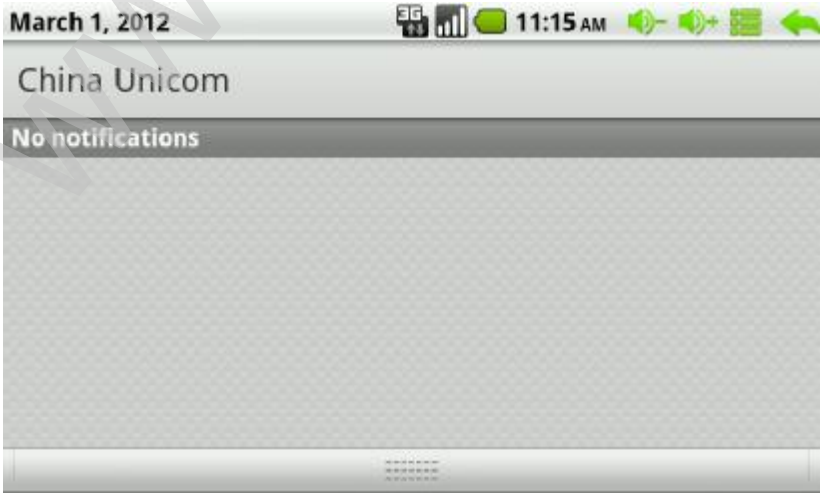
Gesture Recognition ：

Glide your finger to execute these two operations below in Shortcut menu area:

- Swipe down rapidly to quit from present interface；
- Swipe up rapidly to open system menu

6.2 Prompt message and menu bar instructions

If Icons show up on the upper right of Prompt message on the screen, that means the corresponding program is running and inform the running status. Touch on prompt mes sage and swipe down; you can see all the status.



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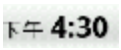
6.3 Status information instructions

Introduction for the icons usually show up in Prompt message bar and status bar:

	New message		Mute on the calling
	Failed in sending message		GPS turn on and working
	Calling		Uploading/ Downloading
	Missed call		Download Complete
	Call waiting		GSM message, Roaming, no signal
	Call Transfer		GPRS service connection, data exchange
	Opening speaker		SD card space not enough
	more		Airplane mode
	Playing music		No SIM card
	time		Alarm clock
	Touch to decrease volume		Open menu
	Touch to increase volume		Return to previous interface

6.4 Desktop operating

The device had already preloaded some common applications before shipment. You can modify, adjust desktop as your favor through simple desktop operation. Example for part of operation method below.

6.4.1 Adding application program

- Touch the blank area and hold until the “add to screen” show up on the menu.

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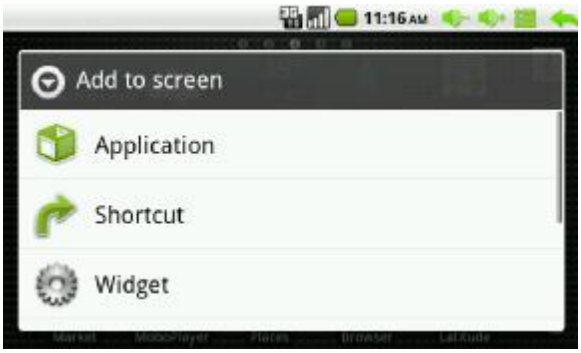
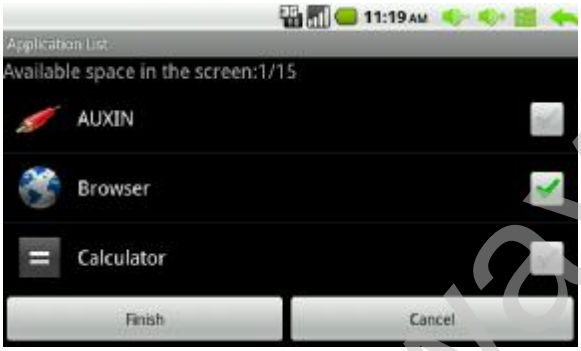


- Select the operation program you want in the menu, e.g. “application”.
- Enter the application list interface; select an application program, like “browser”.



- Touch ”finish”, the browser you choose would show up in the menu.

6.4.2 Change the icon, rename, delete, unload the application program

- Choose the useless program on the desktop, like” browser”
- Touch the icon of the program and hold until show up the option.

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Select an option, like delete, then the program would disappear from the desktop. (Notice; if we select "delete", the program would be deleted from the device. To avoid accidentally delete, please check if you really want to carry out this operation).

6.4.3 Increase or decrease App widgets

- Touch the blank area and hold until the "add to screen" show up on the menu
- Select the operation you want on the menu. Like "widget"
- Choose the program you want on the widget. Like "fancy widgets 4*2"
- The Fancy widgets would display on the interface after you confirmed and return to main menu.

Notice; It would show up "no enough space, the operation failed" if there are no enough space to put the program you choose in the display interface. Then you need to move, delete the application on the display interface to get enough space.

6.4.4 Adjust the size or delete App widgets

- Select widgets, like fancy widget.

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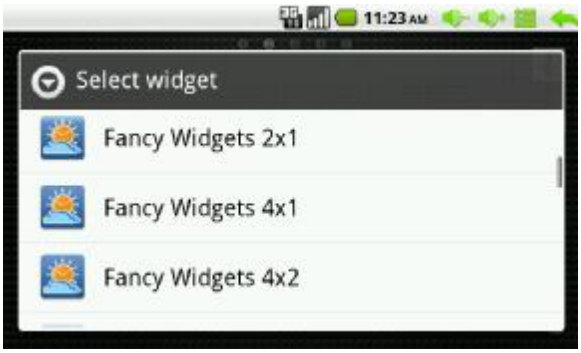

- Touch and hold until the menu show up.

- Select “resize”, hold a arrow with your finger, adjust the size as you want, press return to confirm your Settings.

- The widget would remove if we choose “Delete”

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6.4.5 Select the wallpaper

- Touch the blank area and hold until the “add to screen” show up on the menu, select the operation you want, like “wallpaper”; or press menu button in android main menu, select “wallpaper” on the menu.

- Click “set wallpaper” to confirm the wallpaper you choose. Return to the main menu, the picture you choose would show up on main menu.

7.5 System settings

7.5.1 Android setup

Android system settings has powerful and all kinds of setup function. You ca n modify the setup according to your requirement.

Wireless & network settings

Including VPN (virtual private network), mobile network settings (WIFI need to check if the Hardware configuration supports or not)

Call settings

Phone calls associated Settings including Fixed Dial, Voicemail service and related settings.

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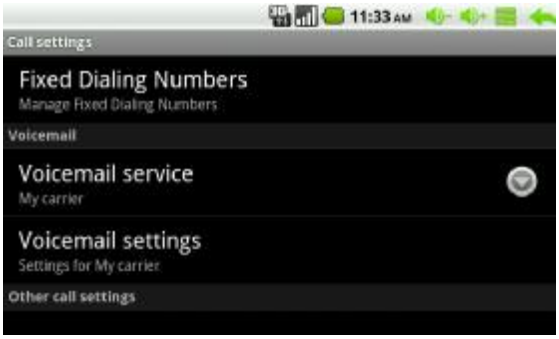
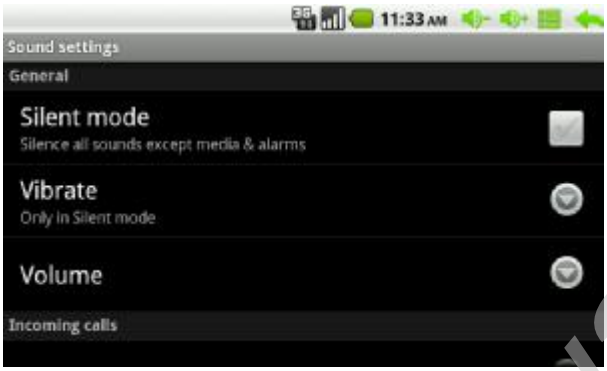


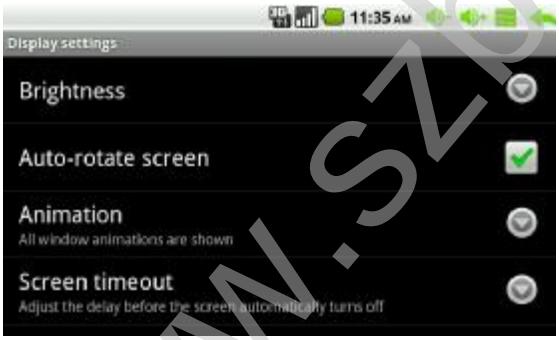
Sound settings

we can set the Silent mode, Vibration mode, adjust Volume, incoming telegram, Message prompt, ect.



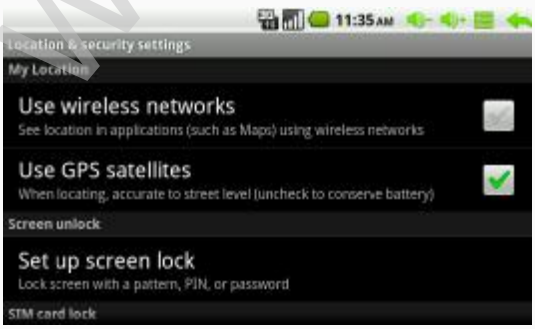
Display settings

screen luminance, autorotation, Window animation, Screen lock automatically or related settings.



Location & security settings

To choose if we use the function of GPS satellite positioning, Screen lock or unlock, SIM card lock and some other security settings or not.


11:35 AM
Location & security settings
My Location
Use wireless networks
See location in applications (such as Maps) using wireless networks
Use GPS satellites
When locating, accurate to street level (uncheck to conserve battery)
Screen unlock
Set up screen lock
Lock screen with a pattern, PIN, or password
SIM card lock

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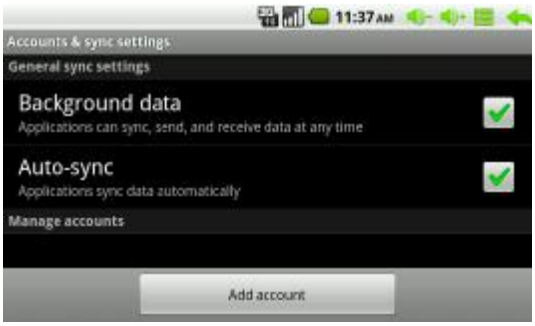
Application program

Install, start, manage, delete application program.

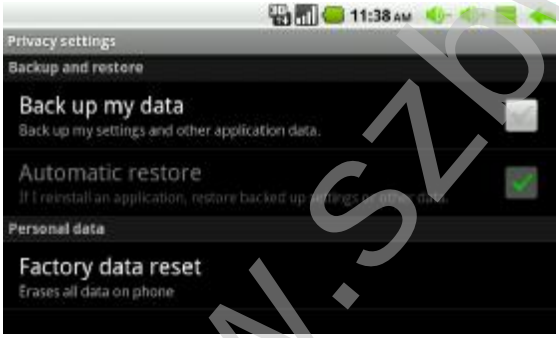
Accounts & sync settings

Manage or add account, Auto-Sync and background date.



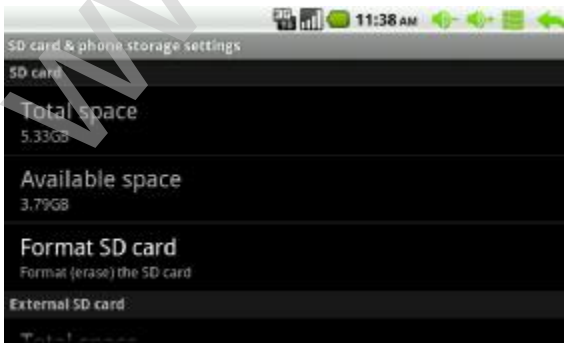
Privacy settings

Back up, Restore settings and application date, factory date reset, as below;



SD card & phone storage settings

Storage card and external SD card loading show, we can also operate storage, like formatting as below



Search settings

The device and web search option settings ect.

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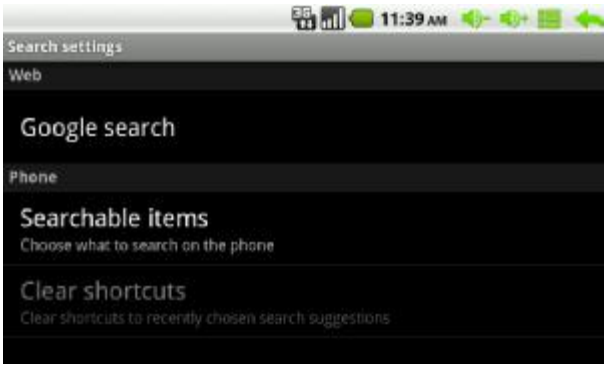
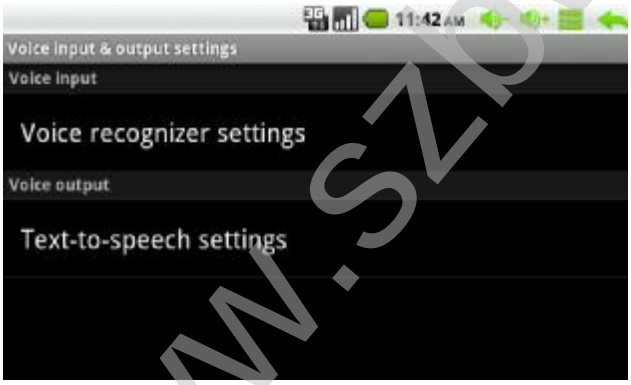


Language & keyboard settings

System language, keyboard, Input method and some other settings.

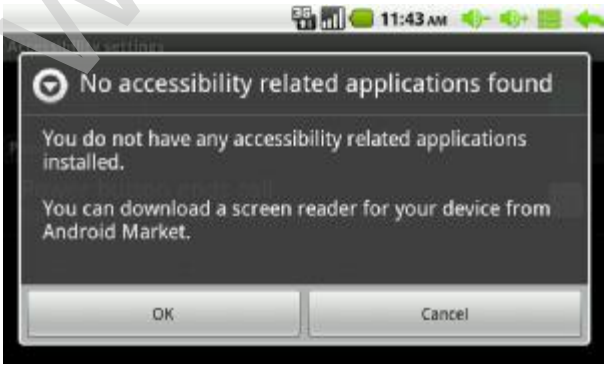
Voice input & output settings

Voice input & output and related settings as below



Miscellaneous function

Customers can add all kinds of miscellaneous function, operate by themselves as their will as below


11:43 AM
No accessibility related applications found
You do not have any accessibility related applications installed.
You can download a screen reader for your device from Android Market.
OK
Cancel

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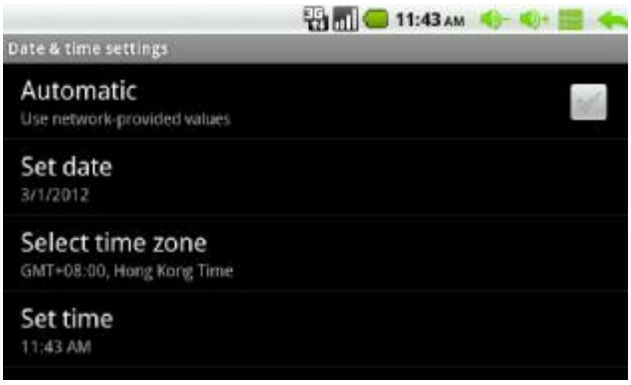
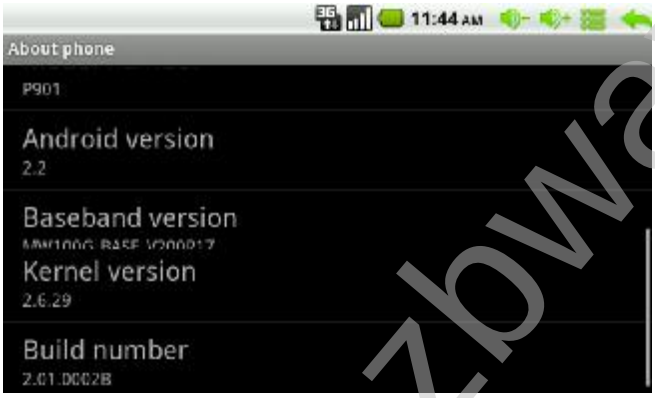
Date & time settings

Date, Time zone, time settings, you can choose Network automatic updates, or set by yourself as you required as below;



About device

The device current status display, if need to upgrade the program, Battery Power ect. As below;



Notice：TF-Card system upgrade need to operate under our guide, can't upgrade by yourselves.

7.5.2 Car DVD player settings

Enter the car DVD player settings, choose the setup you want to complete.

7.6 DVD Function

Press DVD button or click the DVD application icon on the android main menu to enter DVD running interface, if no disc, then enter invalid.

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7.7 FM function

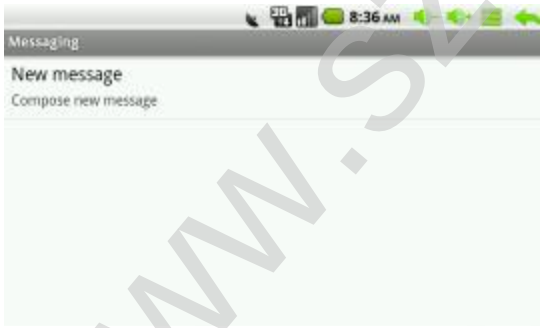
Press FM button or click FM application icon on the android main menu to enter Radio Running interface;

7.8 Phone function

Click to enter phone application, you can enter number and make a call

7.9 SMS function

Click to enter SMS application, you can send message and operate the message you received.



7.10 Google voice search

A completely new search mode, Google voice search system would recognize and intelligent analysis, Return to the nature of language enquiring. Users say a search terms rapidly, like "Dining", the system would search and give an accurate search result.

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7.11 Map installation and quick launch setting

The device support android maps from all over the word.

Notice：To install a new version of the brand android map, please unload the old android map in “android settings” before installing a new one, or it might be inconformity and make it can’t work. Operation refers to 6.4.2.

7.11.1 Map installation

- Copy the map software to the root directory of TF card.
- Insert TF card into “GPS Card” slot.
- Enter application, open “ES file browser”, find map software, and choose the APK installation package.
- Click APK file and install directly, it would work once finished installation

7.11.2 Adding map shortcut in the interface

- Refer to 6.4.1，Add the shortcut of the map application in the main menu.

7.11.3 NAVI button quick launch setting

- Enter “Android settings”
- choose “Application program”，“Quick launch”
- Page down until “n” show up, click and enter, it would show up all he program installed.
- Choose the map application just installed, and then quit return to main menu.
- Press ”NAVI” button to enter navigation program rapidly and directly from any interface.

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